



CERTIFICADO DE CALIDAD

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO TRANSPORTE DE GAS ROAN SA ZVP 16 603 717 GENERAL ESCOBEDO,NL 66052 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE A36/A57250		SHAPE / SIZE CHANNEL SHAPE_C / 12 X 20.7# / 310 X 30.8	
SALES ORDER 74745/000003		LENGTH 40'00"		WEIGHT 2,484 LB		HEAT / BATCH 5905003402	
CUSTOMER PURCHASE ORDER NUMBER 4500115680		BILL OF LADING 1327-0000001771		DATE 24.04.2012		SPECIFICATION / DATE of REVISION A36/A36M-08 A572/A572M-07 ASTM A6/A6M-11	

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.07	0.86	0.012	0.026	0.21	0.32	0.09	0.11	0.029	0.008	0.001	0.018	0.002	


CHEMICAL COMPOSITION	
CEqyA6 %	
0.3	

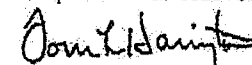
MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
55.8	73.5	384	507	8.000	200.0	
56.4	73.6	389	508	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
25.20	0.760
27.20	0.760

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.


 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR


 TOM HARRINGTON
 QUALITY ASSURANCE MGR.